

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 13592  
Application ID: 09683556  
Title of Invention: WHEEL-END AND CENTER AXLE  
DISCONNECTS FOR AN ELECTRIC  
OR HEV  
First Named Inventor: Abbas Raftari  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-01-18  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 201-0432 JRD  
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: UE1Gbu0xJe68ZaiFy7e69A==  
Total Fees Authorized: \$820.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 61510  
Deposit Account Name: Sheri L. Charles



# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

201-0432  
JRD

Jc474 U.S. PRO  
09/683556  
01/18/02

## WHEEL-END AND CENTER AXLE DISCONNECTS FOR AN ELECTRIC OR HEV

First Named Inventor: Abbas Raftari

### SUBMITTED BY

Organization Name:

Ford Motor Company

Name:

Sheri Lynn Charles Electronic  
Application Specialist

Electronic Signature Mark: /slc

Date Signed: 20020117

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration

consent.tif

declaration

declaration1 of2.tif

declaration	declaration2of2.tif
declaration	IDS1OF2.TIF
declaration	IDS2OF2.TIF
patent-assignments	201-0432asgn.xml
specification	specification.xml
fee-transmittal	201-0432fee.xml
ibid-transmittal	201-0432apds.xml

**Attached Image File(s):**

consent.tif  
declaration1of2.tif  
declaration2of2.tif  
IDS1OF2.TIF  
IDS2OF2.TIF

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**Comments:**

[illegible]

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Case Docket No. **201-0432**  
Date: November 19, 2001

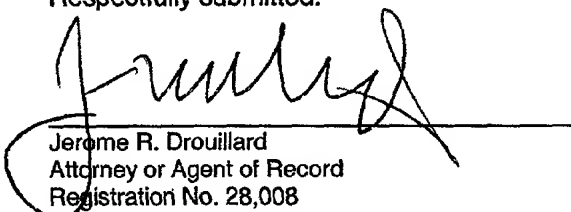
Sir:

Inventor(s):  
**Vijay Garg**  
**Joanne Woestman**  
**John O'Rear**  
**Curtis Tyson**  
**Abbas Raftari**

For: **WHEEL-END AND CENTER AXLE DISCONNECTS FOR AN ELECTRIC OR HEV**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



Jerome R. Drouillard  
Attorney or Agent of Record  
Registration No. 28,008  
Ford Global Technologies, Inc.  
One Parklane Blvd.,  
600 Parklane Towers East  
Dearborn, MI 48126  
Telephone: 313-323-1904

## DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION

Attorney's Docket No.  
201-0432

As a below named inventor, I hereby declare:

My residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claim for which a patent is sought on the invention entitled

**WHEEL-END AND CENTER AXLE DISCONNECTS FOR AN ELECTRIC OR HEV**

the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns,

☒ no such applications have been filed, or

☐ such applications have been filed as follows:

☐ I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119	<input type="checkbox"/> Additional provisional application numbers are on a separate priority data PTO/SB/02 attached hereto

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which becomes available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

**POWER OF ATTORNEY:** - I/we hereby appoint the following Practitioners: Customer No. 29769, John M. Naber - 46,481 to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.

**Address all correspondence and telephone calls to:**

John M. Naber  
 Foster, Swift, Collins & Smith, P.C.  
 313 South Washington Square  
 Lansing, MI 48933-2193 Phone: 517-371-8100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Abbas Raftari 19581 Maxwell Road Northville, MI 48167 US	Northville, MI 48167 US	U.S.A	<i>Abbas Raftari</i>	11/9/01
Curtis Lee Tyson 14757 Thornridge Dr. Plymouth, MI., 48170 US	Plymouth, MI., 48170 US	U.S.A	<i>Curtis Lee Tyson</i>	11/7/01
John O'Rear 3701 Barker Road Whitmore Lake, MI 48189 US	Whitmore Lake, MI 48189 US	U.S.A	<i>John O'Rear</i>	11/9/01
Joanne Theresa Woestman 22336 Olmstead St Dearborn, MI 48124 US	Dearborn, MI 48124 US	U.S.A	<i>Joanne T. Woestman</i>	11/9/01
Vijay K Garg 2664 Hunters Courts Canton Canton, MI 48188 US	Canton, MI 48188 US	U.S.A	<i>Vijay K Garg</i>	11/7/01

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	
				Filing Date	
				First Named Inventor	Tyson, Curtis
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	201-0432

[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 820**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510

Deposit Account Name: Ford Global Technologies, Inc.



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20010116

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 18	103	\$ 18	0	\$ 0
Independent Claims: 2	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 80